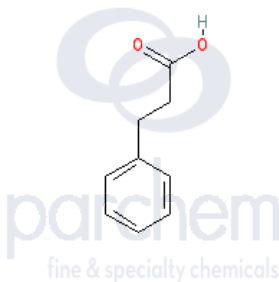


## Typical Product Specifications & Properties

# 3-phenyl propionic acid

CAS Number: : 501-52-0

Specifications	Limits
Density	1.071
Assay	99.00 to 100.00 %
Vapor Pressure	0.002000 mm/Hg @ 25.00 °C
Odor Type	floral
Appearance	white crystals
Melting Point	47.00 to 50.00 °C. @ 760.00 mm Hg
Boiling Point	280.00 °C. @ 760.00 mm Hg
Boiling Point	169.00 to 170.00 °C. @ 28.00 mm Hg
Flash Point	> 230.00 °F.TCC
logP (o/w)	1.10
Odor	sweet fatty rose musk cinnamon
Specific gravity	1.07100 @ 25.00 °C

Specifications	Limits
Molecular weight	150.18
Solubility	hot water, alcohol, benzene, chloroform, ether, glac. acetic acid, petroleum ether, cs2, oxygenated,
Chemical Structure	 <p>The image shows the chemical structure of 3-phenylpropanoic acid. It consists of a benzene ring attached to a three-carbon chain. The third carbon of the chain is part of a carboxylic acid group, with a carbonyl oxygen (O) and a hydroxyl group (OH) attached to it. The structure is overlaid on a watermark for 'parchem fine &amp; specialty chemicals'.</p>